Technical Diagnostics of Cars to Fulfill Their Status and Basic Rules

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ABSTRACT

The efficiency of the vehicle's traffic composition is significantly affected by the cost and timeliness of transporting people and goods. There are a lot of these engines in terms of internal combustion type (ICE) and the characteristics depend on the fact that most of them are diesel. In addition, more than 90% of trucks and more than 60% of large buses are equipped with diesel engines. The share of passenger cars with diesel engines is also constantly increasing accordingly. The work activities improve and the most strict Euro-6 ecological requirements answer given for diesel engines electron fuel supply systems with equipped.

Keywords: Trucks, diesel, supply, battery

Introduction

Modern diesel in engines the most efficient and widely applied system high pressurized fuel has a battery (HPA). Fuel supply system (ATPS) vehicle diesel in engines relatively recently used, but they already constant register past _ Heavy the work conditions, low quality of fuel, own on-time diagnosis and prevention measures most of the time high pressurized fuel casting to systems have fuel of the equipment from the deadline before from work to exit take will come in ATPS malfunctions and their reasons eliminate failure, as well as failures consequences, eliminate of vehicles a long time not working stay with together it comes while carriers for big to losses take will come [1-7]. Some ATPS failures big financial, material, labour and time expenses with depends has been him repair or even replacement necessity with whole diesel of the engine extraordinary from work to exit take will come of ATPS elements cost mechanic diesel fuel supply systems from the price three or four even high and engine by 15-20% of the price is enough [9-17]. ATPS and his of the elements technical in the situation monitoring changes installed diagnosis system by a done increase for intended, this one series to shortcomings have and most of the time only his borderline or extraordinary situation fixes it. These are failures and their reasons own on time to determine possibility. Does not provide, vehicles with ATPS work efficiency significant level reduces [18-26].

Learning object: Accumulator fuel with providing the system with equipped diesel with the engine of the car technical of the situation parameters the work conditions when it changes work process [27-32].

Dissertation of research methodological basis ATPS and diesel of fuel diagnosis parameters their technical situation reflection bringer changes The rules are also new diagnosis methods current reach and there is has been with ATPS in the improvement of working vehicles work indicators change patterns.

Conclusion

Work scientific novelty to the defence present done in the rules reflection delivered by :

Scientific based on diagnosis methodology high efficient exploitation of doing prophylactic strategy done to increase and diesel with engine and With ATPS motor vehicle tools diagnosis methods the work conditions to them technical service show and of repair technological in processes reasonable apply to enable gives.

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